



NATIONAL
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SERVICE

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr. Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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Released weekly April - November

Issued 4:00 P.M., May 31, 2011

9-11

AGRICULTURAL NEWS: Wet conditions continued to hamper field activities for much of the week. Warm and dry weather at the end of the week allowed hay cutting, tobacco transplanting and planting to make good progress. Above normal temperatures and rainfall prevailed across the Commonwealth this past week. Temperatures averaged 70 degrees, 2 degrees above normal and 8 degrees above last week's average. Rainfall for the week totaled 1.98 inches, 0.87 inches above normal. **Topsoil moisture** was rated 1 percent short, 53 percent adequate and 46 percent surplus. **Subsoil moisture** was rated 1 percent short, 56 percent adequate, and 43 percent surplus. Days suitable for fieldwork averaged 2.8 out of a possible 7. The main farming activities for the week were planting corn and soybeans, setting tobacco, cutting hay and spraying fungicide. Producers are hoping for a dry week to allow fields to dry out.

ROW CROPS: **Corn** planting made significant progress this week, but remains about two weeks behind average. Planting progressed to 75 percent complete. Usually more than 90 percent of the crop is planted at this time. Corn emergence was reported at 56 percent, compared with 93 percent a year ago and 85 percent for the five year average. The average corn height was 6 inches, with the most advanced height at 13 inches. Emerged corn condition was rated 2 percent very poor, 4 percent poor, 29 percent fair, 47 percent good, and 18 percent excellent. Unless fields dry soon, some producers will consider switching to soybeans or accepting prevented planting payments. **Soybean** planting progress was reported at 19 percent, well behind last year's 61 percent and the five year average of 48. Soybeans emerged was reported at 9 percent, compared with last year's 40 percent and the five year average of 28 percent.

TOBACCO: As of Sunday May 29, 28 percent of the state's burley had been set, compared with 42 percent last year and 50 for the five year average. Dark tobacco is 44 percent set, compared with 48 percent last year and 43 for the average. Tobacco set condition was 1 percent very poor, 2 percent poor, 35 percent fair, 53 percent good, and 9 percent excellent.

SMALL GRAINS: The condition of winter **wheat** was reported as 2 percent very poor, 4 percent poor, 22 percent fair, 57 percent good, and 15 percent excellent. Some farmers report that the wet weather has increased the disease level in the winter wheat crop.

OTHER CROPS AND PASTURE: Farmers were able to cut and bale hay at the end of the week. **Hay** crop condition was reported as 3 percent very poor, 6 percent poor, 31 percent fair, 46 percent good, and 14 percent excellent. Average hay yields are not as good as expected. The quality of hay cut early in the week will be reduced because of rain damage. **Pasture** condition was 2 percent very poor, 5 percent poor, 24 percent fair, 51 percent good, and 18 percent excellent.

CROP PROGRESS for week ending 05/29/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	75	62	98	94
Corn Emerged	56	38	93	85
Soybeans Planted	19	10	61	48
Soybeans Emerged	9	2	40	28
Burley Tobacco Set	28	18	42	50
Dark Tobacco Set	44	26	48	43

SOIL MOISTURE for week ending 05/29/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	1	53	46
Subsoil	0	1	56	43

CROP CONDITIONS for week ending 05/29/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	2	4	29	47	18
Wheat	2	4	22	57	15
Pasture	2	5	24	51	18
Hay Crops	3	6	31	46	14
Tobacco Set	1	2	35	53	9

Above Normal Temperature and Above Normal Rainfall:

Temperatures for the period averaged 70 degrees across the state which was 2 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 79 in the West to 80 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 62 degrees in the West to 60 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 93 degrees at Bowling Green and the extreme low was 50 degrees at Frankfort.

Tom Priddy

FOR WEEK ENDING SUNDAY, MAY 29, 7:00 P.M.

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr. Weather Center (859)257-3000 ext 245. E-mail: priddy@ukv.edu Additional Ky weather data available on Internet at: <http://www.waqwx.ca.ukv.edu/>